



PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

178

| | |
|------------------------|------------------------|
| Application Number | 10/556,349-Conf. #8934 |
| Filing Date | November 10, 2005 |
| First Named Inventor | Takeshi Hashimoto |
| Art Unit | 2832 |
| Examiner Name | ROJAS, Bernard |
| Attorney Docket Number | 80081(302721) |

ENCLOSURES (Check all that apply)

| | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Reference Citation PTO-SB08 |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | 14 References w/ English Translations (174 pages) |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|-----------------------------------|----------|--------|
| Firm Name | EDWARDS ANGELL PALMER & DODGE LLP | | |
| Signature | <i>William L. Brooks</i> | | |
| Printed name | William L. Brooks | | |
| Date | September 14, 2007 | Reg. No. | 34,129 |

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being hand delivered on the date shown below to: Customer Window, MS Amendment, U.S. Patent and Trademark Office, Randolph Building, 401 Dulany Street, Alexandria, Virginia 22314.

Dated: September 14, 2007

Signature: *Rebecca L. Brimmer* (Rebecca L. Brimmer)

Application No. (if known): 10/556,349

Attorney Docket No.: 80081(302721)



Certificate of Hand Delivery

I hereby certify that this correspondence is being hand delivered to the United States Patent and Trademark Office at the address shown below:

Customer Window, MS Amendment
U.S. Patent and Trademark Office
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

on September 14, 2007
Date


Signature

Rebecca L. Brimmer

Typed or printed name of person signing Certificate

Registration Number, if applicable

(202) 478-7370
Telephone Number

Note: The following papers are submitted:

Postcard Filing Receipt
Transmittal Form (1 page)
Information Disclosure Statement (2 pages)
IDS Reference Citation (1 page)
References (174 Pages)



Docket No.: 80081(302721)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Takeshi Hashimoto et al.

Application No.: 10/556,349

Confirmation No.: 8934

Filed: November 10, 2005

Art Unit: 2832

For: MICRO RELAY

Examiner: ROJAS, Bernard

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A full translation of the non-English language references is enclosed.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of an Examination Report from a foreign patent

office, issued in a counterpart application, which refers to the relevant portions of the references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 80081(302721). A duplicate copy of this paper is enclosed.

Dated: September 14, 2007

Respectfully submitted,

By William L. Brooks

William L. Brooks

Registration No.: 34,129

EDWARDS ANGELL PALMER & DODGE
LLP

P.O. Box 55874

Boston, MA 02205

(202) 478-7370

Attorneys/Agents For Applicant



Used in Lieu of PTO/SB/08A/B
(Based on PTO 04-07 version)

| | | | | | |
|--|---|----|--------------------------|------------------------|---------------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | Complete if Known | | |
| | | | Application Number | 10/556,349-Conf. #8934 | |
| | | | Filing Date | November 10, 2005 | |
| | | | First Named Inventor | Takeshi Hashimoto | |
| | | | Art Unit | 2832 | |
| | | | Examiner Name | ROJAS, Bernard | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 80081(302721) |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA* | US-20020163408-A1 | 11-07-2002 | Fujii et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | BA | JP-2001-076605 | 03-23-2001 | Advantest Corp | | ✓ |
| | BB | JP-H07-176255 | 07-14-1995 | Nippon Signal Co Ltd et al. | | ✓ |
| | BC | JP-H07-211214 | 08-11-1995 | Nippon Telegraph & Telephone | | ✓ |
| | BD | JP-H11-232987 | 08-27-1999 | Tdk Corp | | ✓ |
| | BE | JP-H06-251684 | 09-09-1994 | Sharp Kk | | ✓ |
| | BF | JP-2001-160626 | 06-12-2001 | Matsushita Electric Works Ltd | | ✓ |
| | BG | WO-01/82323 | 11-01-2001 | Omron Tateisi Electronics Co et al. | | ✓ |
| | BH | JP-2000-164104 | 06-16-2000 | Omron Tateisi Electronics Co | | ✓ |
| | BI | JP-H09-288952 | 11-04-1997 | Takamisawa Electric Co | | ✓ |
| | BJ | JP-H07-193160 | 07-28-1995 | Nippon Electric Co | | ✓ |
| | BK | JP-S63-175450 | 07-19-1988 | Hitachi Ltd | | ✓ |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA | Examination Report dated June 12, 2007 for Japanese Application No. 2004-018955. | |
| | CB | Examination Report dated June 12, 2007 for Japanese Application No. 2004-018957 | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|